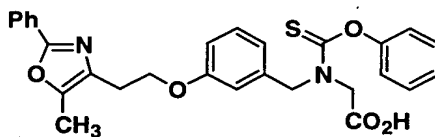
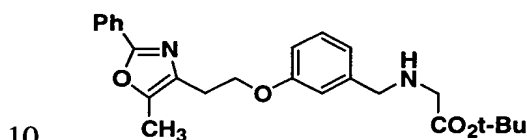


Example 309

5

To a mixture of phenyl chlorothionoformate (11 mg, 0.063 mmol) and triethylamine (6.5 mg, 0.063 mmol) was added a solution of the amino-tert-butyl ester (20 mg, 0.053 mmol),



10

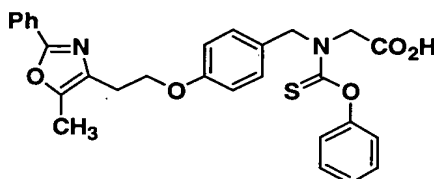
(prepared as described in Example 7 Part B) in CH_2Cl_2 (1 mL). The reaction was stirred at RT for 15 min and the mixture was concentrated *in vacuo* to give the crude thionocarbamate tert-butyl ester. This material was dissolved in aqueous LiOH (0.50 mL of a 1.0 M solution) and THF (2 mL) and stirred at RT for 5 h. The solution was concentrated *in vacuo* to give the crude acid as an oil. The crude product was purified using preparative HPLC to afford the desired title product (10 mg; 38%). $[\text{M} + \text{H}]^+ = 503.2$

20

Example 310

The corresponding thiocarbamate in the 1,4 series was prepared in the same manner as described for Example 309.

25



$[\text{M} + \text{H}]^+ = 503.2$